

RECENT PAPERS BEARING ON METEOROLOGY

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Aero digest. New York. v. 9. December, 1926.

Noville, G. O. Cold weather engine-starting. p. 440.

American meteorological society. Bulletin. Worcester, Mass. v. 7. 1926.

McDonald, W. F. Weather and sugar cane in Louisiana. p. 126-127. (Oct.) [Extract from Planter and sugar manufacturer.]

The Nassau Hurricane. p. 119-122. (Oct.)

[**Pepper, W.**] The future of aerology. p. 123-125. (Oct.) [Transl. from Das Wetter.]

Vivian, C. H. Snow removal on Fall River Pass highway, Colo. p. 127-129. (Oct.) [Extr. Engineering news-record.]

Alter, J. Cecil. An appreciation of the cooperative observers. p. 165-166. (Dec.)

Excessive rains and floods in Illinois, September, 1926. p. 167. (Dec.)

McEwen, George F. Indicated seasonal rainfall in Southern California for the 1926-1927 season. p. 161-162. (Dec.)

Sundstroem, E. S. The white man and the tropics. p. 157-160. (Dec.) [Abstract from a book.]

V[arney], B. M. Weather maps by radio. p. 155-157. (Dec.)

American philosophical society. Proceedings. Philadelphia. v. 65. 1926.

Hess, Alfred F. The newer knowledge of the physiological action of ultra-violet rays. p. 202-206. (No. 3.)

Snyder, Monroe B. Prediction of the spectrum of the cosmic rays. p. 379-380. (No. 4.)

American society of heating and ventilating engineers. Journal. New York. v. 32. November, 1926.

Houghton [F. C.], & Miller [W. Edw.] Practical application of temperature, humidity, and air motion data to air conditioning problems. p. 737-748.

Annalen der Hydrographie und maritimen Meteorologie. Berlin. 54. Jahrgang. August 1926.

Petersen, P. Die Eisverhältnisse an den deutschen Küsten, in Memel und der Freien Stadt Danzig während des Winters 1925/26. p. 297-304.

Archives des sciences physiques et naturelles. Genève. v. 8. Septembre-octobre 1926.

Jacquierod, A., & Mügeli, H. Influence de la pression sur la marche des montres. p. 241-254.

Kohlörster, W., & Salis-Marschlins, G. v. La période diurne du rayonnement d'altitude. p. 278-280.

Astronomie. Paris. 40. année. Octobre 1926.

Desjondrèques, G. L'aurore boréale du 5 mars 1926. p. 442-443.

Aviation. New York. v. 21. 1926.

McAdie, Alexander. The fliers' aspects of aerography. The water vapor in free air. p. 841-842. (Nov. 15.)

McAdie, Alexander. The fliers' aspects of aerography. Dispelling the clouds. p. 954-955. (Dec. 6.)

Beiträge zur Geophysik. Leipzig. 15. Band, 3. Heft. 1926.

Koschmieder, Harald. Die Luftströmungen um Berghindernisse in der freien Atmosphäre. p. 285-303.

Nolan, J. J. The breaking of water-drops by electric fields. p. 304-316. [Includes discussion of rain-drops.]

California citograph. Los Angeles. v. 12. November, 1926.

Wilder, H. J. Recovery of frost-injured citrus trees. p. 4. *Ciel et terre. Bruxelles. 42. année. Juillet-août-septembre 1926.*

L., E. Les ombres volantes. p. 153-155.

Egatéa. Porto Alegre. v. 11. Setembro e outubro, 1926.

Vianna, Oliviera. O ritmo do clima. p. 357-360.

Engineering news-record. New York. v. 97. 1926.

Barnes, F. E. Bermuda damaged by tropical hurricanes. p. 829. (Nov. 18.)

Mitchell, Nolan D. Maryland tornado wrecks well-built country schoolhouse. Wind displays great violence at La Plata—brick pier carried far away—patches of top soil eroded. p. 832-833. (Nov. 18.)

More on general and structural effects of Florida hurricane. p. 946-948. (Dec. 9.) [Includes discussion of wind velocities and anemometers.]

France. Académie des sciences. Comptes rendus. Paris. t. 188. 1926.

Galbrun, H. Sur la propagation d'une onde sonore dans l'atmosphère. p. 652-653. (18 octobre.)

Charcot & Idrac, P. Sur un phénomène de dépression atmosphérique produit sous le vent d'un obstacle élevé. p. 712. (3 novembre.)

Besson, Louis. Relation entre les températures de certains mois de l'année. p. 802-804. (8 novembre.)

Lambert, P., Déjardin, G., & Chalonge, D. Sur l'extremité ultraviolette du spectre solaire et la couche d'ozone de la haute atmosphère. p. 800-801. (8 novembre.)

Geografiska annaler. Stockholm. Arg. 8. H. 3. 1926.

Müllner, Johann. Problematisches in Vereisungsbeginne der Binnenseen. p. 177-216.

Renquist, Henrik. Ein Seebär in Finnland. p. 230-236.

Wallén, Axel. L'eau tombée à Déboudja, Cameroun. p. 237.

Wallén, Axel. Nouvelles prévisions à longue échéance. p. 238-241. [Discusses work of F. Baur.]

Great Britain. Meteorological office. British rainfall, 1925.

Experiments on the shielding of rain-gauges. p. 278-279.

Glasspoole, J. The relation between annual rainfall over Europe and that at Oxford and at Glenquoich. p. 254-269.

Papers on rainfall in British Rainfall, 1901-1925. p. 270-277.

Heimel en dampkring. Den Haag. 24 jaargang. November 1926.

Albert Jan Monné. p. 337. [Obituary.]

Riel, P. M. van. Regenwaarschijnlijkheid op den Atlantischen Oceaan gedeurende de maand Juli. p. 353-365.

Iberica. Tortosa. Ano 13. 1926.

Ibero, José M. 1. Autolimitación del glaciar. p. 283-284. (6 noviembre.)

Ibero, José M. 11. Ritmo del glaciario cuaternario. p. 237-250. (4 diciembre.)

Marine observer. London. v. 4. January, 1927.

Hennessy, J. The "Antinoe" and "Laristan" gale. p. 15.

Slee, J. A. The practical application of wireless to meteorology. p. 8-9.

Smith, L. A. Brooke. Wireless and weather. An aid to navigation. p. 9-15;

Meteorologia pratica. Montecassino. Anno 7. Luglio-agosto 1926.

Belluigi, Arnaldo. Il problema delle zone del silenzio. p. 148-150.

Crestani, Giuseppe. Le trombe in Italia nell' anno 1925. p. 152-160.

Gamba, Pericle. Sui minimi di temperatura nella capanna meteorologica e presso il suolo all' aria libera. p. 133-145.

Meteorological magazine. London. v. 61. November, 1926.

B., E. W. The aurora of October 14 and 15, 1926. p. 243-245.

B[rooks], C. E. P. The weather of the past summer. p. 231-233.

Brunt, D. Short-period oscillations of pilot balloons. p. 246-247.

Harwood, W. A. Note on a bora at Trieste. p. 240-242.

Meteorologische Zeitschrift. Braunschweig. Band 43. Oktober 1926.

Aufsess, Otto Freiherr v. u. z. Vermutliche Mondeinflüsse auf die Luftdruckgestaltung. p. 381-383.

Baur, F. Die Verwendung der Korrelationsmethode in der Meteorologie. p. 386-388.

Kassner, C. Die Feuchtigkeitswindrose von Helgoland. p. 389-392.

Korselt, E. Gedanken zum allgemeinen atmosphärischen Kreislauf. p. 370-373.

Meissner, Otto. Einige Bemerkungen und Formeln zu Hellmanns "Klima von Berlin." p. 377-381.

Naegler, Wilhelm. Wahrscheinlichkeit des Eintritts und der Dauer von Frost in Sachsen für jeden Tag des Jahres, dargestellt in Prozenten der möglichen Fälle. p. 367-380.

Pepper, W. Zum Einfluss des Föhns auf die Mitteltemperatur im Alpenvorland. p. 374-375.

Tichanowsky, J. J. Spielt die sekundäre Diffusion in der Atmosphäre eine bedeutende Rolle in der Himmelpolarisation? p. 361-366.

Würschmidt, J. Klimabefunde in Tucumán (Argentinien). p. 376-377.

National geographic magazine. Washington, D. C. v. 50. December, 1926.

Macready, John A. Exploring the earth's stratosphere. p. 755-776.

Royal meteorological society. Memoirs. London. v. 1.

Richardson, Lewis F., and others. The variance of upper wind and the accumulation of mass. (no. 4.)

Bliss, E. W. The Nile flood and world weather. (no. 5.)